

# CURRICULUM VITAE



**Somesh Bhagure**  
**Surface Coating Technologist.**

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## ***Career Objective:***

To secure a challenging career, where my knowledge can be shared, enriched and synchronized with the organizational requirements. Seeking a quality environment where I can prove my outstanding skills and in turn grow with it by learning and implementing the latest technologies in the concerned field of work.

Looking now for new challenges in different fields where I can make use of polymers and its applications using my technical skills, interests and managerial skills at the best. I believe in learning, hard work and interests along with in-depth subject knowledge and experience. If these goes parallel career growth is definitely something you always wanted.

## ***Summary:***

- 1) Experience in R&D, Production and Quality Control in industry.
- 2) Education in technical field with reputed organization.
- 3) Possess excellent communication and interpersonal skills.
- 4) A team player with a notable analytical proficiency and ability to grasp new technical concepts quickly and utilize the same in a productive manner.
- 5) Product Development and modifications on laboratory scale by R&D.
- 6) Laboratory set-up and QC/QA of raw materials as well as end product.
- 7) Acrylic modified coatings, primers, bonding agents.
- 8) Practical experience in working at lab conditions.
- 9) Polymer synthesis and Characterization- Knowledge of Physical and Chemical properties and testing procedures of polymers/plastics eg. Elongation, tensile strength, izod impact, melting point, GPC, HPLC, NMR Spectroscopy, corrosion resistance etc.
- 10) Polymer/plastic processing techniques- Knowledge of plastic processing techniques like injection molding, extrusion molding, blow molding, thermoforming etc.
- 11) Knowledge of Resins, it's properties, manufacturing and application.
- 12) Polymer coatings formulations and testing and knowledge of polymer additives.

## ***In-Plant Training &Experiences:***

### ***1.Par Specialty Polymers Pvt. Ltd., Navi Mumbai.***

**Position-** Assistant Technical Manager

**Department-** Research and Development

**Duration-** 11<sup>th</sup> January 2021 to Present

#### **Projects & Key Responsibilities:**

**Products handled: All Construction Chemicals which includes:**

1. Testing/Evaluation of Varies Paints and Construction Chemicals.

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2. PCE Based Admixtures.
3. Mould Release Compounds.
4. Curing Compounds.
5. Integral Water Proofing Compounds.
6. Water Proofing Compounds.
7. Grouts.
8. Repairing Mortars.
9. Tile Adhesives.
10. Water Repellent Compounds.
11. Anti-Carbonation Coatings.
12. Poly-Sulphide Sealants.
13. Epoxy and PU Based Floor Coatings.
14. Building & Joint Sealant.
15. Production Batches Follow-Up and Handling.
16. Performing Entry Level Testing and Comparison of Experimental Samples.
17. Conduction of Laboratory Testing As Per ASTM and ISO Standards.
18. Shade Development.
19. Product Validation.
20. Raw Material Localization and Utilization.
21. Concrete & Cube Compression Testing.

## ***2. Sherwin Williams, Valspar Coating India Pvt. Ltd. Bangalore.***

**Position-** Research and Development Trainee

**Department-** Decorative Coatings (Direct to Glass/Mirror Coating Division)

**Duration-** 10<sup>th</sup> June 2019 to 10<sup>th</sup> Dec 2019

### **Projects & Key Responsibilities:**

1. Colour Development For Varies Glass Shades from Glass Side & Paint Side.
2. Testing/Evaluation of Varies Glass Coating Paints.
3. Application of Glass Paint via Curtain Coater.
4. Product Validation of New Glass Paint Products (Including Liquid, Dry Film and Long Term Testing).
5. Process Validation of Existing Products as Per Customer Specifications.
6. Preparation of Paint Samples Using Laboratory Dispersion and Blending Equipment.
7. Performing Entry Level Testing and Comparison of Experimental Samples.
8. Conduction of Laboratory Testing As Per ASTM and ISO Standards.
9. Instrumental And Visual Shade Matching.

## ***3. Plastic Omnium Auto Exterior India Pvt. Ltd. Pune.***

**Position-** Paint Shop & Production Trainee

**Department -** Paint Shop & Production (Automotive Industry)

**Duration-** 29<sup>st</sup> May 2017 to 15<sup>th</sup> Nov 2017

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## Projects & Key Responsibilities:

1. Supervising in Paint Shop & Production.
2. Studied Effectiveness Of Various Factors In Reducing Rejection at Quality End & Paint Loading Area.
3. Detail Knowledge about 5S and POKA-YOKA, Manpower Handling.
4. To Reduce Rejection At Quality End & Loading Area.
5. Cycle Time Reduction.
6. Manpower Handling.
7. Auditing.

## Educational Qualifications:

**M. Tech in Surface Coating Technology from Institute Of Chemical Technology (ICT), Matunga, Mumbai – 400019. (Academic Year: 2018-20)**

Examination	Discipline	Institution (name, place, state of Institution)	%Marks/CGPA
M.Tech (2018-20)	Surface Coating Technology	Institute of Chemical Technology (ICT), Mumbai, MH-400019	8.48
B. Tech (2015-18)	Plastic & Polymer Technology	Institute of Chemical Technology (UICT), Jalgaon, MH-425001.	7.40
Diploma (2011-14)	Plastic Engineering	Government Polytechnic, Nasik, Maharashtra-422101	73.75%
S.S.C. (2010-11)	Shri. S. N. Jain Madhyamik Vidyalaya, Wadi-Shewale, Tq-Pachora, Jalgaon, MH-424201		79.27%

## Seminars & Projects:

### M. Tech

#### ● Research Topic (On-Going)

1. “Synthesis and Characterization of PMMA (Atom Transfer Radical Polymerization Technique (ATRP)) Based Nano-Fibre Coating By Electro-Spinning Technology ”
2. “Plastic Waste Management via Fabrication of Electrospun Polymer Membrane Using Plastic Waste Materials for Waste Water Treatment and Waste Management”
3. “ Synthesis Of Copolymer Of Olefin With Acrylate Using Atom Transfer Radical Polymerization and Its Characterization”

#### ● Seminar Topic: “Self-Cleaning Coating”

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## ***B. Tech***

- ***Project Topic:*** “To Reduce Rejection at Quality End & Paint Loading Area”
- ***Seminar Topic:*** “To Minimize plastic waste by fabrication of Wood Plastic Composites using various Moulding Techniques”

## ***Diploma***

- ***Project Topic:*** “Fabrication of Reaction Injection Moulding Machine”
- ***Seminar Topic:*** “Plastics Waste used for Flood Defences”

## ***Computer Knowledge:***

MS-Office, Auto CAD.

## ***Extra-Curricular Activities***

1. Attended 3 Day Entrepreneurship Awareness Camp, Govt. Poly. Nasik.
2. Attended 2 Days National Conference on RAPT-2017 at UICT, Jalgaon.
3. Attended 2 Days National Conference on RAPT-2018 at UICT, Jalgaon.
4. Attended ‘Orientation to Chemical Security Risk management’ program sponsored by IBCTR – Sandia National laboratories (USA) at ICT, Mumbai.

## ***Area of Interests:***

Plastics and Paint Formulations, Plastic & Paint additives, Adhesives & Sealants, Resin Synthesis, Polymer Chemistry, Production & quality control.

## ***Hobbies:***

Listening Music, Reading Book, Bike Riding.

## ***Declaration:***

The Information Given Above is True to the Best of My Knowledge.

***Place: Mumbai.***

***Mr. Bhagure Somesh S.***